

Db 241 RRAVSTGSHLTWVGLYGTIIICVFPFPQNSQYQDVAWVMTATITPLANPFVYSIHN 300  
Qy 301 KDVGALCRLLEWVKVDP 318  
Db 301 KDVGALCRLLEWVKVDP 318

RESULT 9  
US-60-188-914-57  
Sequence 57, Application US/60188914  
GENERAL INFORMATION:  
APPLICANT: Zozulya, Sergey  
TITLE OF INVENTION: Novel human olfactory (odorant)  
FILE REFERENCE: AMERYX.004PR  
CURRENT APPLICATION NUMBER: US/60/188.914  
CURRENT FILING DATE: 2000-03-13  
NUMBER OF SEQ ID NOS: 84  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 57  
LENGTH: 318  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-60-188-914-57

Query Match 100.0%; Score 1669; DB 37; Length 318;  
Best Local Similarity 100.0%; Pred. No. 1.6e-152;  
Matches 318; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MSFAPNASHSPVFLILGFSRANISYTLFPFLAIYITTLIGNTVLILSMDSRLHSP 60  
Db 1 MSFAPNASHSPVFLILGFSRANISYTLFPFLAIYITTLIGNTVLILSMDSRLHSP 60  
Qy 61 MYLLRGSLVIDMGLSTVTLPLQLAHLVSHYPTIPARCLAQFFFFVAFGVTDLVIAVM 120  
Db 61 MYLLRGSLVIDMGLSTVTLPLQLAHLVSHYPTIPARCLAQFFFFVAFGVTDLVIAVM 120  
Qy 121 ALDRYVAICDPLHVALVNMHQRACCLALSWVSIILHTMLRVGLVPLCWTGDAAGNNLP 180  
Db 121 ALDRYVAICDPLHVALVNMHQRACCLALSWVSIILHTMLRVGLVPLCWTGDAAGNNLP 180  
Qy 181 HFFCDHRPLRASCSDIHSNELAIFFEFGFLMGPCLALVLSYRIGAAIILRLPSAAGR 240  
Db 181 HFFCDHRPLRASCSDIHSNELAIFFEFGFLMGPCLALVLSYRIGAAIILRLPSAAGR 240  
Qy 241 RRAVSTGSHLTWVGLYGTIIICVFPFPQNSQYQDVAWVMTATITPLANPFVYSIHN 300  
Db 241 RRAVSTGSHLTWVGLYGTIIICVFPFPQNSQYQDVAWVMTATITPLANPFVYSIHN 300  
Qy 301 KDVGALCRLLEWVKVDP 318  
Db 301 KDVGALCRLLEWVKVDP 318

RESULT 10  
US-10-149-826-27

Sequence 27, Application US/10149826

GENERAL INFORMATION:

APPLICANT: INCYTE GENOMICS, INC.

APPLICANT: BURROD, Neil

APPLICANT: BAUGHN, Mariah R.

APPLICANT: AU-YOUNG, Janice

APPLICANT: YANG, Junming

APPLICANT: LU, Dyrning Alina M.

APPLICANT: REDDY, Roopa

TITLE OF INVENTION: G-PROTEIN COUPLED RECEPTORS

FILE REFERENCE: PI-0001 PCT

CURRENT APPLICATION NUMBER: US/10/149.826

CURRENT FILING DATE: 2002-06-10

PRIOR APPLICATION NUMBER: 60/172.852; 60/171.732; 60/176.148; 60/177.331

PRIOR FILING DATE: 1999-12-10; 1999-12-22; 2000-01-14; 2000-01-21

NUMBER OF SEQ ID NOS: 78

SOFTWARE: PERL Program

SEQ ID NO 27  
LENGTH: 317  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc feature  
OTHER INFORMATION: Incyte ID No: 7472013CD1  
US-10-149-826-27

Query Match 99.7%; Score 1664; DB 27; Length 317;  
Best Local Similarity 100.0%; Pred. No. 5e-152;  
Matches 317; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 MSFAPNASHSPVFLILGFSRANISYTLFPFLAIYITTLIGNTVLILSMDSRLHSP 61  
Db 1 MSFAPNASHSPVFLILGFSRANISYTLFPFLAIYITTLIGNTVLILSMDSRLHSP 60  
Qy 62 YLLRGSLVIDMGLSTVTLPLQLAHLVSHYPTIPARCLAQFFFFVAFGVTDLVIAVM 121  
Db 62 YLLRGSLVIDMGLSTVTLPLQLAHLVSHYPTIPARCLAQFFFFVAFGVTDLVIAVM 120  
Qy 122 LDRYVAICDPLHVALVNMHQRACCLALSWVSIILHTMLRVGLVPLCWTGDAAGNNLP 181  
Db 122 LDRYVAICDPLHVALVNMHQRACCLALSWVSIILHTMLRVGLVPLCWTGDAAGNNLP 180  
Qy 182 HFFCDHRPLRASCSDIHSNELAIFFEFGFLMGPCLALVLSYRIGAAIILRLPSAAGR 241  
Db 182 HFFCDHRPLRASCSDIHSNELAIFFEFGFLMGPCLALVLSYRIGAAIILRLPSAAGR 240  
Qy 242 RRAVSTGSHLTWVGLYGTIIICVFPFPQNSQYQDVAWVMTATITPLANPFVYSIHN 301  
Db 242 RRAVSTGSHLTWVGLYGTIIICVFPFPQNSQYQDVAWVMTATITPLANPFVYSIHN 300  
Qy 302 DVKALCRLLEWVKVDP 318  
Db 302 DVKALCRLLEWVKVDP 317

RESULT 11  
US-10-292-798-144

Sequence 144, Application US/10292798

GENERAL INFORMATION:

APPLICANT: SUMA, MAKIKO

APPLICANT: ASHI, KIYOSHI

APPLICANT: AKIYAMA, YUTKA

APPLICANT: ABURAHANI, HIROYUKI

TITLE OF INVENTION: GUANOSINE TRIPHOSPHATE-BINDING PROTEIN COUPLED RECEPTORS

FILE REFERENCE: 084335/166

CURRENT APPLICATION NUMBER: US/10/292.798

CURRENT FILING DATE: 2002-11-13

PRIOR APPLICATION NUMBER: 10/017.161

PRIOR FILING DATE: 2001-12-18

PRIOR APPLICATION NUMBER: JP 2001-246789

PRIOR FILING DATE: 2001-06-18

NUMBER OF SEQ ID NOS: 2070

SOFTWARE: Patent Ver. 2.1

SEQ ID NO 144

LENGTH: 317

TYPE: PRT

ORGANISM: Homo sapiens

US-10-292-798-144

Query Match 99.7%; Score 1664; DB 28; Length 317;  
Best Local Similarity 100.0%; Pred. No. 5e-152;  
Matches 317; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 MSFAPNASHSPVFLILGFSRANISYTLFPFLAIYITTLIGNTVLILSMDSRLHSP 61  
Db 1 MSFAPNASHSPVFLILGFSRANISYTLFPFLAIYITTLIGNTVLILSMDSRLHSP 60  
Qy 62 YLLRGSLVIDMGLSTVTLPLQLAHLVSHYPTIPARCLAQFFFFVAFGVTDLVIAVM 121  
Db 62 YLLRGSLVIDMGLSTVTLPLQLAHLVSHYPTIPARCLAQFFFFVAFGVTDLVIAVM 120

QY 541 CCTCATCTTTTGTGACCAACCGGCACTTCTGAGAGCTTGTGTGACATACATCT 600  
Db 741 CCTCATCTTTTGTGACCAACCGGCACTTCTGAGAGCTTGTGTGACATACATCT 800  
QY 601 AATGAGCTGGCCATATCTTTTGAAGGGTGGCTTCTTATGCTGGGCCCTGTGCTCATT 660  
Db 801 AATGAGCTGGCCATATCTTTTGAAGGGTGGCTTCTTATGCTGGGCCCTGTGCTCATT 860  
QY 661 GATACCTCTTATGTCGGAATTTGGGGCCGCTATTTCAAGCTTTCAGCTGCTGATGCTG 720  
Db 861 GATACCTCTTATGTCGGAATTTGGGGCCGCTATTTCAAGCTTTCAGCTGCTGATGCTG 920  
QY 721 GCGCAGAGAGTCTGCACTGCTGATCCACCTTCAACCATGATGTTCTCTTACGCAACC 780  
Db 921 GCGCAGAGAGTCTGCACTGCTGATCCACCTTCAACCATGATGTTCTCTTACGCAACC 980  
QY 781 ATCATTTGTGTCTACTTCCAGGCTCCCTTCCAGAACTTCAATATAGAGACATGATGCT 840  
Db 981 ATCATTTGTGTCTACTTCCAGGCTCCCTTCCAGAACTTCAATATAGAGACATGATGCT 1040  
QY 841 TCAAGTAATGTATACAGGCTTACACTTGGCCAAACCATTTGTATAGCTTCCACAT 900  
Db 1041 TCAAGTAATGTATACAGGCTTACACTTGGCCAAACCATTTGTATAGCTTCCACAT 1100  
QY 901 AAGGATGTCAAGGGTCACTGCTGCAAGGCTGTTGAATGGGTGAAGGTAGACCCCTGA 957  
Db 1101 AAGGATGTCAAGGGTCACTGCTGCAAGGCTGTTGAATGGGTGAAGGTAGACCCCTGA 1157

**RESULT 6**

US-10-149-826-66

Sequence 66, Application US/10149826  
Publication No. US20040224314A1  
GENERAL INFORMATION:  
APPLICANT: INCYTE GENOMICS, INC.  
APPLICANT: BUREFORD, Neil  
APPLICANT: BAUGHN, Mariah R.  
APPLICANT: AU-YOUNG, Janice  
APPLICANT: YANG, Junning  
APPLICANT: LU, Dyrung Alina M.  
APPLICANT: REDDY, Roopa  
TITLE OF INVENTION: G-PROTEIN COUPLED RECEPTORS  
FILE REFERENCE: PI-0001 PCT  
CURRENT APPLICATION NUMBER: US/10/149,826  
CURRENT FILING DATE: 2002-06-10  
PRIOR APPLICATION NUMBER: 60/172,852; 60/171,732; 60/176,148; 60/177,331  
PRIOR FILING DATE: 1999-12-10; 1999-12-22; 2000-01-14; 2000-01-21  
NUMBER OF SEQ ID NOS: 78  
SOFTWARE: PERL Program  
SEQ ID NO 66  
LENGTH: 954  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc feature  
OTHER INFORMATION: Incyte ID No: 7472013CB1  
US-10-149-826-66

Query Match 99.7%; Score 954; DB 18; Length 954;  
Best Local Similarity 100.0%; Pred. No. 4,4e-295;  
Matches 954; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4 ATGAGCTTTGGCCCTAATGCTTCACTCTCCGGTTTTTTTGTCTTGGCTTGGTTTCGAGA 63  
Db 1 ATGAGCTTTGGCCCTAATGCTTCACTCTCCGGTTTTTTTGTCTTGGCTTGGTTTCGAGA 60  
QY 64 GCTAACATCTCCCTACATCT 123  
Db 61 GCTAACATCTCTACATCT 120  
QY 124 CTGGGGAATGTGACACTGTGCTGCTCATCTCTGGGACTCAGACTGACCTCAACCATG 183

Db 121 CTGGGGAATGTGACACTGTGCTGCTCATCTCTGGGACTCAGACTGACCTCAACCATG 180  
QY 184 TATTATCTGCTTGTGGCTCTTCTGTGATAGACATGGGGCTATCCAGTTACATGCGCC 243  
Db 181 TATTATCTGCTTGTGGCTCTTCTGTGATAGACATGGGGCTATCCAGTTACATGCGCC 240  
QY 244 CAGTTGCGGGCCATTGGTGTCTCATATACCAACCATTTCTGCTGCGCGCTGTGCTGCT 303  
Db 241 CAGTTGCGGGCCATTGGTGTCTCATATACCAACCATTTCTGCTGCGCGCTGTGCTGCT 300  
QY 304 CAGTTCTTTTCTTCTATGACATTTGGGGTTACAGATACACTTTGTATGCTGTATGCT 363  
Db 301 CAGTTCTTTTCTTCTATGACATTTGGGGTTACAGATACACTTTGTATGCTGTATGCT 360  
QY 364 CTGATGCTATATGAGCATCTGTGACCCCGCTGCACTATAGCTTGGTATGATACCA 423  
Db 361 CTGATGCTATATGAGCATCTGTGACCCCGCTGCACTATAGCTTGGTATGATACCA 420  
QY 424 CGGTGTGCTGTCTTACTAGCTTGTGAGTGGGTGTGCTATCTGACACATGTTGCT 483  
Db 421 CGGTGTGCTGTCTTACTAGCTTGTGAGTGGGTGTGCTATCTGACACATGTTGCT 480  
QY 484 GTGGGACTGTCTGCTCTTTTGTGACATGGGATGCTGGGGCAAGTTACCTTCT 543  
Db 481 GTGGGACTGTCTGCTCTTTTGTGACATGGGATGCTGGGGCAAGTTACCTTCT 540  
QY 544 CACTTCTTTTGTGACACCGGCACTTCTGTGAGAGCTCTTGTGTGACATATCTAT 603  
Db 541 CACTTCTTTTGTGACACCGGCACTTCTGTGAGAGCTCTTGTGTGACATATCTAT 600  
QY 604 GAGCTGGGCAATTTCTTTGAGGGGTGCTTCTTATGCTGGGCCCTGTGCTCATTTGA 663  
Db 601 GAGCTGGGCAATTTCTTTGAGGGGTGCTTCTTATGCTGGGCCCTGTGCTCATTTGA 660  
QY 664 CTCTCTTATGTCGAATTTGGGGCCGCTATTTACAGTTTTCCTTACGCTGCTGCTGCTG 723  
Db 661 CTCTCTTATGTCGAATTTGGGGCCGCTATTTACAGTTTTCCTTACGCTGCTGCTGCTG 720  
QY 724 CGAGAGTCTCACTGCTGATGCCACTTCCAGAACTCTCAGTATCAGAGACATGCTGCA 783  
Db 721 CGAGAGTCTCACTGCTGATGCCACTTCCAGAACTCTCAGTATCAGAGACATGCTGCA 780  
QY 784 ATTGTGTCTACTTCCAGGCTCCCTTCCAGAACTCTCAGTATCAGAGACATGCTGCA 843  
Db 781 ATTGTGTCTACTTCCAGGCTCCCTTCCAGAACTCTCAGTATCAGAGACATGCTGCA 840  
QY 844 GTAATGTATACAGCTTACCTTACCTTGGCCAAACCATTTGTATAGCTTCCCAATTA 903  
Db 841 GTAATGTATACAGCTTACCTTACCTTGGCCAAACCATTTGTATAGCTTCCCAATTA 900  
QY 904 GATGTCAAGGGTCACTTGTGACAGGCTGTTGAATGGGTGAAGGTAGACCCCTGA 957  
Db 901 GATGTCAAGGGTCACTTGTGACAGGCTGTTGAATGGGTGAAGGTAGACCCCTGA 954

**RESULT 7**

US-10-774-355A-77

Sequence 77, Application US/10774355A  
Publication No. US20050043513A1  
GENERAL INFORMATION:  
APPLICANT: Fibrostein, Stuart  
APPLICANT: Zhang, Ximin  
TITLE OF INVENTION: MOUSE OLFACTORY RECEPTOR GENE SUPERFAMILY  
FILE REFERENCE: A34570-PCT-USA-A 070050.2520  
CURRENT APPLICATION NUMBER: US/10/774,355A  
CURRENT FILING DATE: 2004-02-06  
PRIOR APPLICATION NUMBER: PCT/US02/25556  
PRIOR FILING DATE: 2002-08-09  
PRIOR APPLICATION NUMBER: 60/311,159  
PRIOR FILING DATE: 2001-08-09  
PRIOR APPLICATION NUMBER: 60/339,694  
PRIOR FILING DATE: 2001-12-12  
NUMBER OF SEQ ID NOS: 2596